

ABSTRACT OF THE DISCLOSURE

[0041] A hockey glove that uses a combination of high and low density padding in finger and knuckle pads to protect the user's fingers and knuckles and rigid thumb plates to protect the user's thumb from impact injuries and backward hyper-extension. The high density padding protects the user from impact injuries and breakage caused by sharp blows to the hand. The high and low density padding combination provides a comfort fit with a limited range of flexure of the fingers stalls. Additional flex of the finger and knuckle pads is achieved with one or more hinge panel joints associated with notch openings in the high density padding to permit a clasping or gripping movement by the user. Cooperative thumb support plates are attached to the back of the hockey glove adjacent to the thumb stall and allow the user's thumbs to bend inward toward the palm, but prevent the thumbs from hyper-extending backward.

NUMERALS

glove body
 palm panel 12
 back panel 14
 edge webbing 16
finger stalls 18
thumb stall 20
knit sleeve 22
padded wrist cuff 24
hand back pads 26
knuckle pads 28
knuckle flexure zones 30
finger pad 32
 lowermost material layer 36
 uppermost material layer 38
 low density padding 40
 high density padding 42
finger flexure regions 34
 hinge panel 44
 V-shaped notch 46

thumb stall 20 details
 modified closure panel 48
 flexible web or strap 49
 wear resistant material layer 50
 pocket 51
 protective thumb plate 52
 lateral ridge 54
 foam padding layers 56 & 58
 rigid locking plate 60
 padded material cover 62